

-1- (JAPIO)
ACCESSION NUMBER
TITLE
PATENT APPLICANT
INVENTORS
PATENT NUMBER
APPLICATION DETAILS
SOURCE

INT'L PATENT CLASS
JAPIO CLASS

FIXED KEYWORD CLASS
ABSTRACT

81-082571
THIN ALKALINE BATTERY
(2000232) SEIKO INSTR & ELECTRONICS LTD
SUZUKI, KATSUMI; YOSHINO, SADAJI
81.07.06 J56082571, 81-082571
79.12.06 79JP-158395, 54-158395
81.09.19 SECT. E, SECTION NO. 75; VOL. 5, NO. 149,
PG. 73.
H01M-004/06; H01M-004/42; H01M-006/12
42.9 (ELECTRONICS--Other); 29.3 (PRECISION
INSTRUMENTS--Horologe)
R124 (CHEMISTRY--Epoxy Resins)
PURPOSE: To obviate any reduction of the utilization
rate of the negative mixture, by restricting the
grain size of an amalgamated zinc which is used for
the negative mixture down to a certain small value.
CONSTITUTION: The grain size of an amalgamated zinc
6b which is packed into a negative-electrode can 5,
is restricted to a value of mesh 150#-350#. As a
result, the amalgamated zinc 6b can be homogeneously
and excellently packed into the negative-electrode
can, thereby the reaction being thoroughly carried
out. Consequently, a defective conductivity and the
like of a thin battery having a total thickness of
below 1.5mm, which are due to scattered grains of the
amalgamated zinc, is prevented.